

09/743827

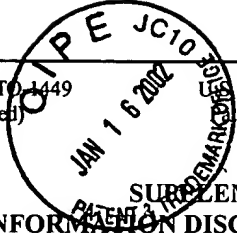
Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Serial No.	Group Art Unit	Filing Date 01/16/2001	Atty. Docket No. Le A 33 820
INFORMATION DISCLOSURE CITATION				Applicant(s) ICQ7 Rec'd PCT/PTO			
				16 JAN 2001			
U.S. PATENT DOCUMENTS							
*		DOCUMENT NO.	DATE MM/DD/YY	NAME	CLASS	S U B - CLASS	FILING DATE IF APPROPRIATE

<i>SNW</i>	U₁	5	2	2	5	5	6	2	07/06/93	McChesney et al.	546	270	08/10/90
<i>SNW</i>	U₂	5	2	2	5	4	2	7	07/06/93	Venugopalan et al.	514	378	11/27/91
<i>SNW</i>	U₃	5	2	4	6	9	3	0	09/21/93	Venugopalan et al.	514	232.8	05/03/91

FOREIGN PATENT DOCUMENTS														
*		DOCUMENT NO.							DATE DD/MM/YY	COUNTRY	PRIMARY CLASS	S U B - CLASS	TRANSLATION	
													YES	NO
SNW	F ₁	9	9	3	3	4	6	1	08/07/99	WO	A61K	31/335		
SNW	F ₂	1	1	2	2	8	0	6	22/05/96	CN	C07D	493/18		X
SNW	F ₃	9	3	0	8	1	9	5	29/04/93	WO	C07D	493/20		
SNW	F ₄	0	4	5	6	1	4	9	13/11/91	EP	C07D	493/20		
SNW	F ₅	0	3	6	2	7	3	0	11/04/90	EP	C07D	493/20		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)													
<i>SNW</i>	R₁	Jefford, C. W., "Peroxidic Antimalarials", Adv. Drug. Res. <u>29</u> : 271-325 (1997)											
<i>SNW</i>	R₂	Jung, M., and Lee, S., "A Concise Synthesis of Novel Aromatic Analogs of Artemisinin", Heterocycles <u>45</u> (6): 1055-1058 (1997)											
<i>SNW</i>	R₃	Luo, X.-D., and Shen, C.-C., "The Chemistry, Pharmacology, and Clinical Applications of Qinghaosu (Artemisinin) and its Derivatives", Med. Res. Rev. <u>7</u> (1): 29-57 (Jan. 1987)											
<i>SNW</i>	R₄	Meshnick, S. R., Taylor, T. E., and Kamchonwongpaisan, S., "Artemisinin and the Antimalarial Endoperoxides: from Herbal Remedy to Targeted Chemotherapy", Microbiological Reviews <u>60</u> (2): 301-315 (June 1996)											
<i>SNW</i>	R₅	Posner, G. H., "Antimalarial Peroxides in the Quinghaosu (Artemisinin) and Yingzhaosu Families", Exp. Opin. Ther. Patents <u>8</u> (11): 1487-1493 (Nov. 1998)											
<i>SNW</i>	R₆	Pu, Y. M., Torok, D. S., and Ziffer, H., "Synthesis and Antimalarial Activities of Several Fluorinated Artemisinin Derivatives", J. Med. Chem. <u>38</u> (20): 4120-4124 (Jan. 1995)											
<i>SNW</i>	R₇	Tonmunpheap, S., Kikpol, S., Parasuk, V., Wolschann, P., Winger, R. H., Liedl, K. R., and Rode, B. M., "Comparative Molecular Field Analysis of Artemisinin Derivatives: Ab Initio Versus Semiempirical Optimized Structures", J. Comp.-Aided Mol. Des. <u>12</u> : 397-409 (1998)											
<i>SNW</i>	R₈	Yang, Y.-H., Li, Y., Shi, Y.-L., Yang, J.-D., and Wu, B.-A., "Artemisinin Derivatives with 12-Aniline Substitution: Synthesis and Antimalarial Activity", Bioorganic & Medicinal Chemistry Letters <u>5</u> (16): 1791-1794 (1995)											

EXAMINER <i>Amya Wright</i>	DATE CONSIDERED 7-31-03
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (Modified)  SUPPLEMENTAL INFORMATION DISCLOSURE CITATION	Department of Commerce Patent and Trademark Office	Serial No. 09/743,827	Group Art Unit	Filing Date 01/16/2001	Atty. Docket No. Le A 33 820
	Applicant(s) Haynes, et al.				

U.S. PATENT DOCUMENTS

*	DOCUMENT NO.	DATE MM/DD/YY	NAME	CLASS	S U B - CLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

*	DOCUMENT NO.	DATE DD/MM/YY	COUNTRY	PRIMARY CLASS	S U B - CLASS	TRANSLATION	
						YES	NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

ANW	R ₉	Lin, A. J., Li, L., Klayman, D. L., George, C. F., Flippen-Anderson, J. L., "Antimalarial Activity of New Water-Soluble Dihydroartemisinin Derivatives. 3. Aromatic Amine Analogues", J. Med. Chem., <u>33</u> : 2610-2614 (1990)
ANW	R ₁₀	Meshnick, S. R., Jefford, C. W., Posner, G. H., Avery, M. A., and Peters, W., "Second-generation Antimalarial Endoperoxides", Parasitology Today, <u>12</u> (2): 79-82 (1996)
ANW	R ₁₁	Posner, G. H., Wang, D., Cumming, J. N., Oh, C. H., French, A. N., Bodley, A. L., and Shapiro, T. A., "Further Evidence Supporting the Importance of and the Restrictions on a Carbon-Centered Radical for High Antimalarial Activity of 1,2,4-Trioxanes Like Artemisinin", J. Med. Chem., <u>38</u> (13): 2273-2275 (June 1995)
ANW	R ₁₂	Posner, G. H., Cumming, J. N., Ploypradith, P., and Oh, C. H., "Evidence for Fe(IV)=O in the Molecular Mechanism of Action of the Trioxane Antimalarial Artemisinin", J. Am. Chem. Soc., <u>117</u> : 5885-5886 (1995)
ANW	R ₁₃	Posner, G. H., Park, S. B., Gonzalez, L., Wang, D., Cumming, J. N., Klinedinst, D., Shapiro, T. A., and Bachi, M. D., "Evidence for the Importance of High-Valent Fe=O and of a Diketone in the Molecular Mechanism of Action of Antimalarial Trioxane Analog of Artemisinin", J. Am. Chem., <u>118</u> : 3537-3538 (1996)
ANW	R ₁₅	Pu, Y. M., and Ziffer, H., "Synthesis and Antimalarial Activities of 12 β -Allyldeoxoartemisinin and its Derivatives", J. Med. Chem., <u>38</u> : 613-616 (1995)

EXAMINER <i>Sonya Wright</i>	DATE CONSIDERED 7-31-03
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